

Name: _____

Worksheet – Basic Simplifying of Variable Expressions (1)

Directions: Please simplify. If the expression cannot be simplified, just circle it.

1. $2x + x$

2. $2x(x)$

3. $5a + ab$

4. $5a(ab)$

5. $12x^2 - 2x^2$

6. $12x^2(2x^2)$

7. $a + a + a^2$

8. $a(a)(a^2)$

9. $5x - 5y$

10. $5x(5y)$

11. $5x + 5y$

12. $2x + x$

13. $\frac{1}{2}x \cdot \frac{4}{5}x$

14. $\frac{15}{8}x \cdot \frac{4}{5}y$

15. $\frac{15}{8}x + \frac{4}{5}y$

16. $3 - 2a - 3b$

17. $3 \cdot 2a \cdot 3b$

18. $-x - x - x$

19. $-x(-x)(-x)$

20. $2x \cdot 3y \cdot (-4)$

21. $2x + 3y + (-4)$

22. $4x + 4x^2$

23. $4x \cdot 4x^2$

24. $-5y(y) + y$

25. $-5y(y)(y)$

26. $\frac{2}{3}x + \frac{4}{5}x$

27. $\frac{2}{3}x \cdot \frac{4}{5}x$

28. $\frac{2}{3}x + \frac{4}{5}x^2$

29. $4a - 3ab$

30. $4a(-3ab)$

31. $-x + x$

32. $-x + y$